

coating a solid core material with activatable material;

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cont'd
enclosing the solid core material and the activatable material with an outer plate to form an assembly with a defined cavity inside said outer plate;

passing the assembly to a corrosion treatment bath and subjecting all interior areas of the assembly to a corrosion protection agent; and

subsequently passing the assembly to a drying oven for heating and, thereby, initiating foaming of the activatable material at least partly filling the defined cavity.

Claim 15 (twice amended). A hollow section, comprising:

b2
a solid core material formed of a material selected from the group consisting of foamed metallic material, unfoamed metallic material, synthetic material reinforced with fibers selected from the group consisting of metal fibers, carbon fibers, and glass fibers;

an activatable material enclosing said solid core material; an outer plate enclosing said solid core material and said activatable material to form an assembly with a defined cavity inside said outer plate; and

a corrosion protection agent applied to said assembly before heating said assembly and, thereby, initiating foaming of the activatable material at least partly filling said defined cavity.